

Present Claims

1-373 (Previously Canceled)

374. (Currently Amended) An Internet-based method of securing a computer communications network supporting a network computing device, said Internet-based method comprising the steps of:

(a) embodying a GSU chip into said network computing device,

(b) programming the GSU chip in said GSU-enabled network computing device with a set of predetermined time and space (TS) coordinates so as to enable said GSU-enabled network computing device to access said communications network or subnetwork thereof (or WWW server connected thereto) only when said GSU-enabled network computing device is temporally and spatially present at said TS coordinates, said GSU-enabled network computing device generating a time stamp providing an absolute time reference, said communications network having a memory storage device and an owner registration server resident in said memory storage device; and

(c) disposing said GSU-enabled network computing device at said predetermined TS coordinates so as to automatically enable said GSU-enabled network computing device to access said communications network or subnetwork thereof (or WWW server connected thereto).

375. (Original) The Internet-based method of claim 374, wherein step (c) comprises said GSU transmitting a digitally-signed data package to a TS-stamping tracking server for

receiving said digitally-signed data package and processing the same collect data indicative that said GSU-enabled network computing device is present at said predetermined TS coordinates and automatically transmitting a digitally-signed package back to said GSU-enabled network computing device to access said communications network or subnetwork thereof (or WWW server connected thereto).

376. (Currently Amended) An Internet-based method of securing a computer communications network supporting a network computing device, said Internet-based method comprising the steps of:

(a) embodying a GSU chip into said network computing device so as to provide a GSU-enabled network computing device, and

(b) programming the GSU chip in said GSU-enabled network computing device with a set of predetermined time and space (TS) coordinates so as to fully enable said GSU-enabled network computing device to access said communications network or subnetwork thereof (or WWW server connected thereto) when said GSU-enabled network computing device is temporally and spatially present at said TS coordinates, and partially enable said GSU-enabled network computing device to partially access said communications network or subnetwork thereof (or WWW server connected thereto) when said GSU-enabled network computing device is not temporally and spatially present at said TS coordinates, said GSU-enabled network computing device generating a time stamp providing an absolute time reference, said communications network having a memory storage device and an owner registration server resident in said memory storage device; and

- (c) disposing said GSU-enabled network computing device outside of said predetermined TS coordinates so as to partially enable said GSU-enabled network computing device to partially access said communications network or subnetwork thereof (or WWW server connected thereto)
- (d) tracking the exact location of said GSU-enabled network computing device with a TS-stamping tracking server; and
- (e) notifying authorities so that said authorities have information needed to apprehend the person using the same without authorization.

377. (Currently Amended) An Internet-based method of securing a computer communications network having a plurality of network computing devices, said method comprising the steps of:

- (a) embodying a GSU device into each network computing device so that its access to a particular communications/computer network (i.e. subnetwork) or WWW site can be securely enabled by a TS-stamping tracking server only upon the generation of a unique time-space stamp by the GSU-chip corresponding to a predetermined location over which the GSU-enabled network computing device is enabled, said time-space stamp providing an absolute time reference, said TS-stamping tracking server having a memory storage device and an owner registration server resident in said memory storage device; and
- (b) disposing said GSU-enabled network computing device at said predetermined location so that said GSU-enabled network computing device is enabled by said TS-Stamping Based Tracking Server to access a prespecified communication subnetwork or WWW server.

09/579,035

378. (Currently Amended) An Internet-based method of securing a computers communications network by embodying a GSU chip,

wherein a GSU-enabled network computing device which is used to access a particular communications (sub)network or WWW site is partially enabled by a TS-stamping tracking server when the GSU-enabled network computing device is present outside of a predetermined location, or a predetermined time interval,

wherein the TS-stamping tracking server tracks the exact location of said GSU-enabled network computing device, wherein said TS-stamping tracking server has a memory storage device and an owner registration server resident in said memory storage device, and

wherein the GSU-enabled network computing device generates a time stamp providing an absolute time reference;

further wherein authorities are notified to apprehend the person using the same without authorization.

379. (Currently Amended) An Internet-based system for securing a computer communications network supporting a network computing device, said Internet-based method comprising a GSU-enabled network computing device, said GSU-enabled network computing device generating a time stamp providing an absolute time reference, said GSU-enabled network computing device including

a GSU-chip capable of generating time and space (TS) coordinates indicative of the time and space coordinates of said GSU-chip in relation to a globally referenced coordinate system, and

a network interface for providing an interface between said GSU-enabled network

09/579,035

computing device and a computer communications network or subnetwork thereof (or WWW server connected thereto); and

wherein said GSU-chip is programmed with a set of predetermined time and space (TS) coordinates so as to enable said GSU-enabled network computing device to access said computer communications network or subnetwork thereof (or WWW server connected thereto) only when said GSU-enabled network computing device is temporally and spatially present at said TS coordinates, and wherein said communications network has a memory storage device and an owner registration server resident in said memory storage device.